

## ABSTRACT:

The transmission system according to the invention comprises a transmitter (10) and a receiver (12). The transmitter (10) can transmit a signal (11) to the receiver (12). The receiver (12) comprises an interference absorption circuit (20) for detecting interference components included in the signal (11) and for substantially removing, during a time interval ( $\Delta t$ ), the interference components from the signal (11). The interference absorption circuit (20) is arranged for adapting the time interval ( $\Delta t$ ) in dependence on the duration of the individual interference components. Preferably, the time interval ( $\Delta t$ ) is substantially equal to the duration of the individual interference components. In this way, despite the fact that the interference components have a variable duration, the interference components can be accurately removed from the desired signal (11).

Fig. 3